

Title (en)

ROTATION COUPLING EMPLOYING TORQUE CONVERTER AND SYNCHRONIZATION MOTOR

Title (de)

ROTATIONSKUPPLUNG EINEN DREHMOMENTWANDLER UND EINEN SYNCHRONISATIONSMOTOR EINSETZEND

Title (fr)

CONVERTISSEUR DE COUPLE EMPLOYANT L'ACCOUPLEMENT EN ROTATION ET MOTEUR DE SYNCHRONISATION

Publication

**EP 1937949 A2 20080702 (EN)**

Application

**EP 06814217 A 20060907**

Priority

- US 2006034682 W 20060907
- US 22674105 A 20050914

Abstract (en)

[origin: US2007060442A1] A system employing a torque converter and a synchronizing motor to start up a large rotational driver/load combination. The torque converter is employed to increase the rotational speed of the load to the maximum speed permitted by the torque converter. The synchronizing motor is then employed to further increase the rotational speed of the load to substantially match the rotational speed of the driver.

IPC 8 full level

**F02C 7/36** (2006.01); **F01D 15/08** (2006.01); **F16H 61/48** (2006.01)

CPC (source: EP US)

**F01D 15/08** (2013.01 - EP US); **F02C 7/36** (2013.01 - EP US); **F16H 41/04** (2013.01 - EP US); **F05D 2260/406** (2013.01 - EP US); **F05D 2260/85** (2013.01 - EP US); **F05D 2270/023** (2013.01 - EP US); **F05D 2270/304** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2007060442 A1 20070315**; **US 7422543 B2 20080909**; EP 1937949 A2 20080702; EP 1937949 A4 20150422; EP 1937949 B1 20170308; WO 2007032978 A2 20070322; WO 2007032978 A3 20070607

DOCDB simple family (application)

**US 22674105 A 20050914**; EP 06814217 A 20060907; US 2006034682 W 20060907